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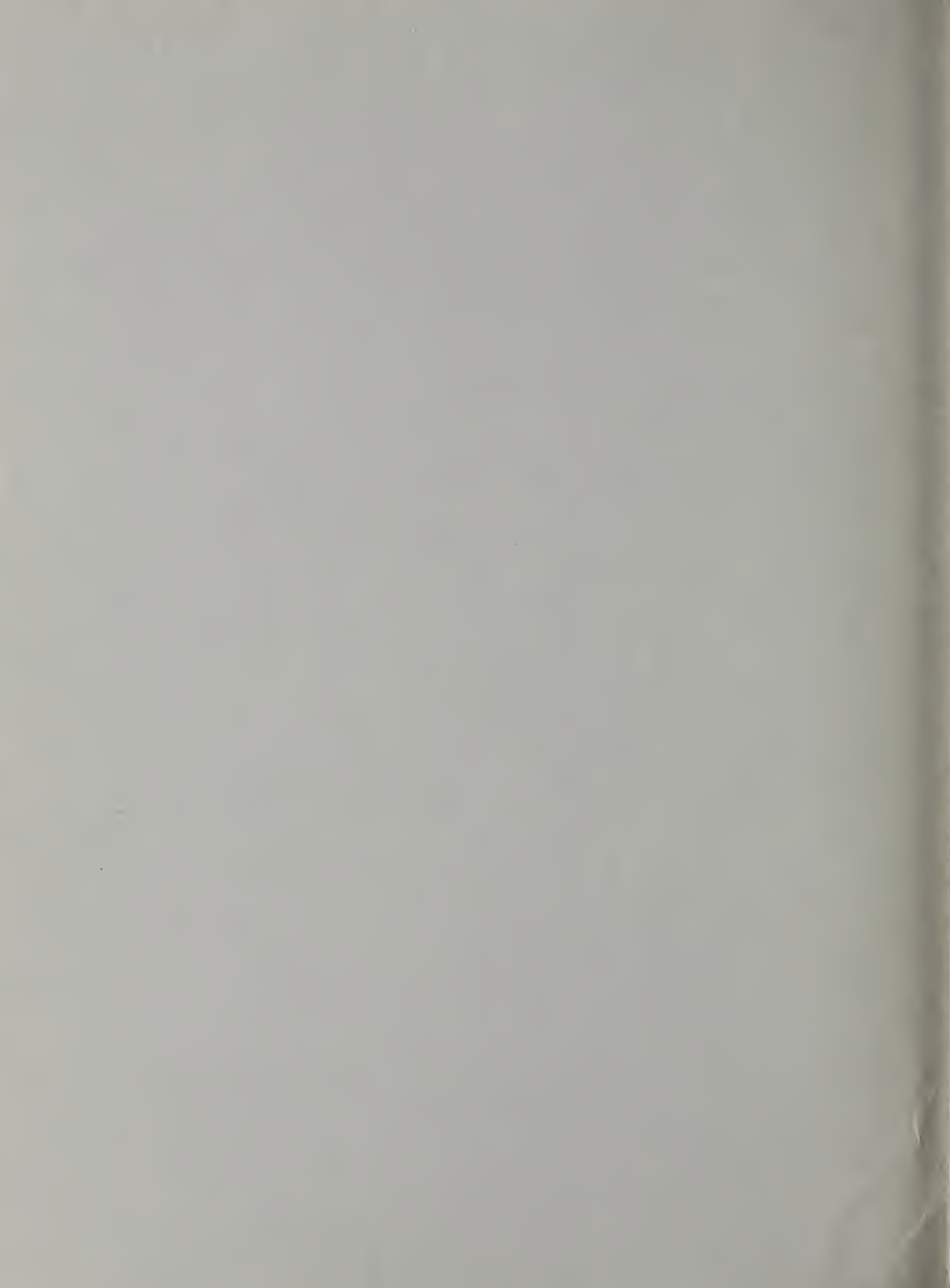
STATE OF COLORADO



1956

ANNUAL REPORT

COAL MINE INSPECTION DEPARTMENT



STATE OF COLORADO



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LETTER OF TRANSMITTAL

April 1, 1957

To His Excellency
Steve McNichols
Governor of Colorado

Sir:

It is an honor to submit to you the Annual Report of the State Coal Mine Inspection Department of Colorado, for the year ending December 31, 1956.

Respectfully,

THOMAS ALLEN,
Chief Inspector of Coal Mines

PERSONNEL OF DEPARTMENT

CHIEF COAL MINE INSPECTOR - THOMAS ALLEN

Office - Argonaut Hotel, Denver 2
Telephone - KEystone 4-6485

Home - 1221 Washington St., Denver 3
Telephone - KEystone 4-8054

DEPUTY INSPECTORS - Counties within each district.

Dist. #1 - FINLAY McCALLUM, 4635 Eliot Street, Denver 11
Telephone - GLendale 5-0696

Boulder, El Paso, Jackson, Jefferson, Moffat,
Rio Blanco, Routt and Weld.

Dist. #2 - GEORGE H. SMITH, 1110 Macon Avenue, Canon City
Telephone - 891

Fremont, Gunnison (Crested Butte area),
Huerfano and Las Animas.

Dist. #3 - JOHN J. RODDY, 1404 White Avenue, Grand Junction
Telephone - CHapel 2-5912

Archuleta, Delta, Garfield, Gunnison (Somerset
area), La Plata, Mesa, Montezuma, Montrose,
Pitkin and San Miguel.

GENERAL OFFICE

Administrative Assistant.....	Veda Burford 1610 Magnolia St., Denver 20 FRemont 7-4317
Account Clerk	Evelyn Miller 3915 Xavier St., Denver 12
Clerk-Stenographer	Rose Maxine Canaday Erie

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INTRODUCTORY COMMENTS

There is a definite increase in favorable publicity concerning the value and importance of the coal mining industry in national and world-wide economy. Of special interest is the construction of large coal burning electric plants in Eastern and Central States. Similar expansion in the use of coal for generating electricity is starting in Colorado and the West Coast States.

One electric plant is under construction at Cameo near Grand Junction which will be in operation within the next few months. A plant at Nucla in Southwestern Colorado, is also in the course of construction at this time. These two plants will only use coal. A plant near Denver, which is nearly ready for operation, is designed to use natural gas and coal with some thought that coal will be used as the principal fuel.

Other electric plants are being considered as a necessity in several parts of the State. Some large companies are studying the coal reserves probably for future development of coal chemicals and artificial gas. These investigations are in the preliminary stage, but it is quite possible that some parts of the State offer favorable locations for such plants.

Some interest is being shown in our anthracite deposits, which are known to be the only deposits in the West, with the exception of the nearly exhausted region in New Mexico.

Increased activity is being shown in the production of coking coal from this State to meet the demand for steel plants in Utah and California, in addition to the Colorado Fuel and Iron Plant in Pueblo, which used about 1,140,000 tons of coal in 1956.

The Shamrock Mine in Weld County which opened in 1905, mined a total of 2,167,869 tons of coal when it closed on April 13, 1956. The Black Diamond #2 in Boulder County mined 801,657 tons from 1931 to May 2 when the mine was abandoned. The Morley Mine in Las Animas County was operated by the C. F. & I. from 1906 to May 4 with a total of 11,046,178 tons of coal produced without mechanization.

An examination for Coal Mine Officials was held in 1956, and it was gratifying to note that out of 111 examinations given, there were only two who failed to make a passing grade. However, seven certificates are being held until all state requirements are met. Much credit for

these results is to be given to the Trinidad Junior College and instructors, where classes were conducted in practical coal mining. Examinations were held in Trinidad and in Denver. A list of successful candidates can be found on pages 28-29 of this report.

According to a publication of the United States Bureau of Mines, all bituminous mines in the United States showed a frequency rate of 0.78 per million tons of coal produced in 1956. Colorado mines show 0.605 for the year, with a total of 2 fatalities. Colorado set an all-time safety record in seventy-two years by operating from October 23, 1955, to September 5, 1956, without a fatality.

These results show that the combined efforts for greater safety being carried on cooperatively by the coal operators, the U.M.W. of A., the U.S. Bureau of Mines, and the State Coal Mine Inspection Department are effectively reducing accident rates.

SUMMARY OF FIELD WORK

Number of Inspections	579
Coroner's Inquests attended	3
Complaints Investigated	25
Mines closed for violations	10
Examinations for Shot Firers	69

HONOR ROLL FOR 1956

50,000 or more man-hours per injury

<u>Name of Mine</u>	<u>Company</u>	<u>County</u>	<u>Fatals</u>	<u>Non-Fatals</u>	<u>Man Hours Per Injury</u>
Frederick	C. F. & I. Corp.	Las A.	1	2	450,808
Morley	C. F. & I. Corp.	Las A.	0	1	104,943
Thompson Crk. #1	ThompCrk. C. & C.	Pitkin	0	1	84,180
Allen	C. F. & I. Corp.	Las A.	0	11	75,125
Boulder Val. #3	Boulder Valley	Weld	0	0	72,494
Osage Strip	Osage Coal	Routt	0	0	59,260
Sterling	McNeil Coal Corp.	Weld	0	1	55,086
Edna Strip	Edna Coal	Routt	0	1	53,062
Red Wing	Colowyo Coal	Moffat	0	1	50,890

HONORABLE MENTION

20,000 to 50,000 man-hours per injury

Cameo	Kerr Coal	Mesa	0	1	48,784
Oliver #3	Minerals Dev. Corp.	Gunn.	0	0	42,437
King	Juanita C. & C.	Delta	0	0	39,526
Eagle	Imperial Coal	Weld	0	4	33,877
Bear	Bear Coal	Gunn.	0	2	31,782
Keystone	Keystone Mng.	Routt	0	2	28,870
Imperial	Imperial Coal	Weld	0	0	25,230
Morning Glory	Morning Glory Coal	Huerf.	0	1	23,424
Washington	Clayton Coal	Weld	0	6	22,233
Pikeview	Pikes Peak Fuel	El Paso	0	2	21,680
Crow Bar	Dry Creek Coal	Routt	0	1	21,110
Harris	Colo. & Utah Coal	Routt	0	4	20,799
Lincoln	Clayton Coal	Weld	0	2	20,685
Vento	Vento Coal	Fremont	0	1	20,603

FINANCIAL STATEMENT FOR THE CALENDAR YEAR

Cash Balance January 1, 1956		\$ 2,681.12
Coal Tax	\$22,781.39	
License Fees	5,910.00	
Sale of Law Books	33.00	
Miscellaneous - Vault Rental - shared	179.00	
Miscellaneous - Sale of old Equipment	25.00	
Appropriation from General Fund	<u>20,689.95</u>	
Total		<u>49,618.34</u> 52,299.46

EXPENDITURES

Salaries - Field & Office	37,776.20	
Travel - Hotels, Meals, Gas, etc.	5,087.86	
Rent - Field & Office	2,891.65	
Workmen's Compensation	1,088.00	
Telephone & Telegraph	926.58	
Printing & Multigraphing	374.44	
Postage	262.20	
Office Supplies	241.98	
Office Equipment & Maintenance	207.34	
Insurance on cars, Surety Bonds	134.21	
Miscellaneous - haulage, blue prints, etc.	<u>27.88</u>	
Total		<u>49,018.34</u>

Cash balance January 1, 1957	\$ 3,281.12
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THOMAS ALLEN

Chief Coal Mine Inspector

GENERAL SUMMARY OF THE COLORADO COAL STATISTICS FOR 1956

MINES REPORTING PRODUCTION - Mechanized 100, Pick 36, Strip 7					143
PRODUCTION IN SHORT TONS					3, 303, 661
GRADES		SIZES			
Bituminous	2, 588, 668	Mine Run	521, 650	Pea	1, 062, 693
Sub-Bituminous	714, 993	Lump	229, 664	Slack	1, 172, 757
		Nut	95, 987	Miscellaneous	30, 672
		Egg	190, 238		
TONNAGE BY MINING METHODS					
MINED	- Electric undercutting machines				2, 030, 709
	Solid pick				612, 816
LOADED	- Mechanically, using no or very little hand labor				1, 700, 641
	Hand-loaded onto mechanical loaders				369, 641
	Hand-loaded into pit cars				573, 243
CUT AND LOADED BY CONTINUOUS MINING MACHINES					302, 005
STRIPPED - OPEN PITS (7)					358, 131
SHIPMENT AND DISPOSAL					
Shipped by rail	2, 426, 120	Shipped out of the state			509, 615
Shipped by truck	841, 303	Locally or power & heat at mines			36, 238
MEN EMPLOYED (Average number)					Underground 2, 138.4, Surface 450.9, Strips 83.2
DAILY PRODUCTION PER MINER					
DAY WORKED (Average number per mine)					2, 674.9
DAILY CAPACITY OF ALL MINES (as reported)					7.6
					163.2
					29, 004

HAULAGE MACHINERY - Locomotives: Electric trolley - 109 Electric battery - 55
 Hoists: Electric - 114 Compressed air - 0
 Shuttle cars - 52

LAMPS: Flame safety - 508
 Electric cap - 4, 083

STRIP MACHINERY & EQUIPMENT

Bulldozers - 11	Drag lines	- 3	Power shovels	- 3
Caterpillars - 5	Drills	- 7	Scarifiers	- 2
Compressors - 4	Jackhammers	- 9	Tractors	- 6
Carryalls - 4	Loaders	- 3	Trucks	- 17

EXPLOSIVES (Pounds)

Underground mines	Permissible	Dynamite	Cardox	Airdox	Akremite
Strip mines	785, 824	6, 350	14 mines	4 mines	
	2, 540	2, 000			1, 000
	788, 364	8, 350			1, 000
					<u>792, 174</u>
					<u>5, 540</u>
					<u>797, 714</u>

SURFACE & MISCELLANEOUS

Hoists: Gas	- 21	Steam	- 3	Electric	- 61	85
Tipples: Gravity	- 55	Mechanical	- 71			126
Ventilation fans: Exhaust	- 81	Force	- 29			110
Coal washing plants	- 4	Steam plants	- 18	Box car loaders		46
Pumps: Electric	- 226	Compressed air	- 7	Baths and showers		486
Air compressors: Underground	- 22	Surface	- 28	Rock dusting machines		41
Telephones	- 213			Battery charging stations		49

SAFETY EQUIPMENT: Self-rescuers - 250 Oxygen breathing apparatus (McCaa & Chemox) - 48

GENERAL INFORMATION

Shaft mines - 8	Rock slopes	- 23	Rock tunnels	- 6	Drifts	- 100
Mines on railroads		- 29	Roof bolted mines			- 10
Tons of coal chemically treated	- 242, 953		Tons of washed coal	- 16, 863		

ACCIDENTS - See page 30 for statistics

Fatalities - 2 Non-fatal injuries - 84

D I R E C T O R Y

COMPANY	ADDRESS	MINE	ADDRESS	COUNTY
Aguilar Imperial	Trinidad	Aguilar Imperial	Same	Las A.
Annex Coal	Florence	Annex	"	Fremont
Aztec Fuel	Walsenburg	Caddell #2	"	Huerfano
Babson Coal	Hayden	Babson	"	Routt
Baldy Coal	Trinidad	Baldy #2	"	Las A.
Barnell, George M.	Walden	Marr Mines	Same	Jackson
Barstow, Aul & Peterson	Palisade	Blue Flame	"	Mesa
Bear Coal	Somerset	Bear	"	Gunn.
Beer Coal & Const.	Florence	Beer Strip	"	Fremont
Bendetti, Henry	Glenwood Spgs.	Atlas #3	"	Garfield
Berwind Canon Coal	Trinidad	Berwind Canon	Same	Las A.
Black Beauty Coal	Walsenburg	Black Beauty	"	Huerfano
Black Diamond Fuel	Lafayette	Black Diamond #2	"	Boulder
Black Knight Coal	Florence	Black Knight #2	"	Fremont
Blue Blaze Coal	Walsenburg	Blue Blaze	"	Huerfano
Blue Ribbon Coal	Bowie	Blue Ribbon	Same	Delta
Boscia Coal	Oak Creek	Apex	"	Routt
Boulder Valley Coal	Denver	Boulder Val. #3	Dacono	Weld
Brodhead Coal	Trinidad	Brodhead #2	Aguilar	Las A.
Brooks, Ira T.	Cedaredge	Green Valley #2	Same	Delta
C. F. & I. Corp.	Pueblo	Allen-E. Portal	Weston	Las A.
C. F. & I. Corp.	Pueblo	Allen-W. Portal	Weston	"
C. F. & I. Corp.	Pueblo	Frederick	Valdez	"
C. F. & I. Corp.	Pueblo	Morley	Morley	"
Caldirola Fuel	Florence	Caldirola #2	Same	Fremont
Canon Blk. Diam.	Florence	Can. Blk. Diam.	Same	Fremont
Canon Chief Mining	"	Canon Chief	"	"
Canon Monarch Coal	"	Pine Gulch #3	"	"
Canon National Coal	"	Canon National	"	"
Cason, Vernon	Durango	Blue Flame	"	La Plata

RAILROADS - OPENINGS - SEAMS

Superintendent	R. R.	Daily Cap.	OPENINGS				SEAM		
			Shaft	Rock	Rock	Drift	Ft.	In.	Pitch % - °
			Depth	Slope	Tunnel Length				
Robert Fabec		25				Yes	5	7	6%
Nickie Rocchio		23		2,000			5		4°
Ygnacio Ruiz		5					4	10	4°
Shirl Prewitt		2		1,500			10	6	10%
E. W. Meggison		45				Yes	5	6	
Geo. M. Barnell		9	Strip connected				50		48°
W. S. Barstow		23				Yes	5	6	3%
Tony Bear	D&RG	450				Yes	8		4%
Lloyd J. Beer		150	S T R I P				3	6	6%
H. Bendetti		10				Yes	4		48°
E. Simola		10				Yes	5		8°
Lessar & Pesina		7				Yes	3	3	3%
Chas. Liley		150	268				6		
C. Alvidrez		5				Yes	2	4	3°
A. Amiday, Sr.		75				Yes	3	6	5%
Ed Marah		30		200			6		5%
Angelo Boscia		5				Yes	4	6	6%
Thomas Harris	UP	1,000	240				7		
Sam Vasquez		50				Yes	4		4°
Ira T. Brooks		50		150			6		4%
L. W. Ingles	C&W	3,000)		1,578			5		2-30%)
L. W. Ingles)				Yes	5)
F. C. Bennett	C&W	2,200				Yes	3-4		
J. W. Bodycomb	ATSF	800				Yes	5		2%
Jesus Jimenez		50		480			4	6	3%
Frank Yellico		75				Yes	6	7	6%
Louis Dussart		50		200			6		6°
Lloyd J. Beer		45				Yes	4		8%
Edmund Jermance		100			475		5	10	7°
Vernon Cason		15				Yes	6		4%

COMPANY	ADDRESS	MINE	ADDRESS	COUNTY
Champion Coal Mng.	Somerset	Hawk's Nest	Same	Gunnison
Clark Coal	"	Edwards	"	"
Clarke Coal	Palisade	Winger	"	Mesa
Clayton Coal	Denver	Lincoln	Erie	Weld
Clayton Coal	"	Washington	"	"
Coal Creek Can. Mng.	Florence	Coal Creek Can.	Same	Fremont
Coles, W. E.	New Castle	New Castle	"	Garfield
Coles, W. E.	"	" " -Vulcan	"	"
Colo. & Utah Coal	Denver	Harris	Mt. Harris	Routt
Colowyo Coal	Denver	Red Wing	Axial	Moffat
Corley Co., The	Colo. Springs	Corley #6	Florence	Fremont
Corley Co., The	" "	Pioneer Canon	"	"
Corley Co., The	" "	Pioneer Strip	"	"
Crane, LeRoy R.	Bayfield	Columbine	Same	Arch.
Delcarbon Coal	Walsenburg	Calumet #2	"	Huerfano
Double Dick Coal	Florence	Double Dick	Same	Fremont
Dry Creek Coal	Hayden	Crow Bar	"	Routt
Dry Creek Coal	"	Old Quaker Strip	"	"
Eagle Head Coal	Grand Junct.	McGinley	Fruita	Mesa
Edna Coal	Denver	Edna Strip	Oak Creek	Routt
Ellis Coal	Somerset	Black Beauty	Same	Gunnison
Fogg, Lyndon H.	Cedaredge	Red Canon #1	"	Delta
Four Mile Coal	Carbondale	Sunlight	"	Garfield
Franceville Coal	Colo. Springs	Franceville Strip	"	El Paso
Franklin, Leo	Trinidad	Burro Canyon #3	"	Las A.
Garcia, Joe M. & D.	Trinidad	Anchor #2	Same	Las A.
Garcia & Brewer	Pagosa Spgs.	Garcia	"	Arch.
Giuliano & Sons Coal	Florence	Cedar Canon	"	Fremont
Golden Quality Coal	"	Golden Qual. #3	"	"
Golden Quality Coal	"	Golden Qual. #4	"	"

Superintendent	R. R.	Daily Cap.	O P E N I N G S				S E A M		
			Shaft Depth	Rock	Rock	Drift	Ft.	In.	Pitch % - °
				Slope	Tunnel Length				
Ralph Audin		300		300			8		2%
McLain O'Connor	D&RG	100				Yes	8	6	
R. M. Clarke		8				Yes	4	6	5%
W.B. Ferguson	UP	2,000		1,800			9		
R. T. Wilson	UP	1,500	430				9		
Steve Kopic		40				Yes	4	6	5°
W. E. Coles		50			400		42		48%
W. E. Coles		50			1,550		7		48°
Louis LaSalle	D&RG	900		200	300		9	3	18%
Ernest Todd		800		125			23		2%
T. E. Shelnutt	ATSF	250		500			3	6	8%
T. E. Shelnutt	ATSF	250				Yes	5		8%
T. E. Shelnutt		200	S	T	R	I	P	6	
LeRoy R. Crane		1				Yes	12		50°
George Sudar	D&RG	500		700			5		3%
Joe Rohar		100				Yes	5	10	
John MacPherson		200		300			8		12%
John MacPherson		53	S	T	R	I	P	9	18%
Willard C. Lutz		15				Yes	7		3°
A. R. Ross	D&RG	1,500	S	T	R	I	P	4	6°
Ellis Axelson		85				Yes	10	6	4%
L. H. Fogg		30		350			4	6	6%
R. C. Martin		40				Yes	9	8	45°
L. F. Gordley		40	S	T	R	I	P	6	3
Leo Franklin		3				Yes	5	6	
Joe M. Garcia		3				Yes	5	6	
Simon B. Garcia		10				Yes	7	3	20°
Mike Giuliano	ATSF	500				Yes	6		2%
D. Carestia		10				Yes	4		8°
D. Carestia		30				Yes	6	6	2%

COMPANY	ADDRESS	MINE	ADDRESS	COUNTY
Guadagnoli Brothers	Trinidad	Engleville	Same	Las A.
Guiliano Coal	Aguilar	Gem	"	"
Haas Coal	Rifle	I. H. I. #2	"	Garfield
Haas Coal	"	I. H. I. #3	"	"
Halcumb, Claud O.	Fruita	Hunter	"	Mesa
Hay Gulch Coal	Hesperus	Hay Gulch #2	Same	La Plata
Hicks, Ernest	Grand Junct.	Hidden Treasure	"	Mesa
Hinkle Coal	Gunnison	Hinkle	"	Gunnison
Imperial Coal	Denver	Eagle	Erie	Weld
Imperial Coal	Denver	Imperial	Erie	Weld
Iuppa, Albert	Trinidad	Starkville #4	Same	Las A.
Jenkins & Mathis	Meeker	Rienau	"	Rio B.
Juanita Coal & Coke	Bowie	King	"	Delta
Keck, William R.	Norwood	Keck-Reliance	"	San M.
Kerr Coal	Cameo	Cameo	Same	Mesa
Keystone Mng. Corp.	Oak Creek	Keystone	"	Routt
King Coal	Hesperus	King	"	La Plata
Leader Coal	Sopris	Leader	"	Huerfano
Liberty Mining	Canon City	Canon Liberty	"	Fremont
Lovisone & Colarelli	Canon City	L. & C. #2	Same	Fremont
Major Coal	Walsenburg	Major #2	"	Huerfano
Marion Coal	Glenwood Spgs.	Marion-Kilroy	"	Garfield
Martinez, Albert	Cokedale	Martinez	"	Las A.
Mathews, John	Oak Creek	Johnnie's	"	Routt
Mays, William E.	Hesperus	Burnwell #2	Same	La Plata
McNeil Coal	Denver	Sterling	Dacono	Weld
Mid-Continent Coal	Carbondale	Dutch Creek	Same	Pitkin
Minerals Dev. Corp. Colo.	Salt Lake City, U.	Oliver #3	Somerset	Gunnison
Minerals Dev. Corp. Colo.	" " "	" Somerset	"	"

Superintendent	R. R.	Daily Cap.	OPENINGS				SEAM		
			Shaft Depth	Rock Slope	Rock Tunnel Length	Drift	Ft.	In.	Pitch ° - 0
C. Guadagnoli		12				Yes	8	10	
L. Guiliano		10		1,600			3		1%
Wm. Haas, Jr.		30				Yes	10		56°
Ray Clipp		30				Yes	10		56°
C. O. Halcumb		25				Yes	6	6	8°
W. C. Hunt		9				Yes	5	10	3°
Ernest Hicks		25				Yes	3		10°
Wm. H. Harris		10				Yes	9		8%
Frank Kolar	UP	1,500	370				9		1½%
Frank Kolar	UP	900	300				10	6	
Albert Iuppa		5				Yes	4		
Wm. Jenkins, Jr.		30				Yes	20		18°
Robert F. Bowie	D&RG	300				Yes	14		7%
W. R. Keck		1				Yes	2	4	
W. M. Kerr, Jr.	D&RG	350			1,100	Yes	6		5%
Charles Reese	D&RG	500				Yes	5	9	8°
I. A. Smith		30				Yes	6		2°
C. E. Langowski		8				Yes	3	2	8%
Tony J. Smith		35				Yes	3	4	6%
T. Colarelli		18				Yes	5		12°
Louis Bellotti	D&RG	75		75			5	5	15%
S. R. Cochran		20				Yes	5	6	45°
A. Martinez		1				Yes	2		
John Mathews		5				Yes	4		4½°
W. E. Mays		36				Yes	6		3°
A. W. Newcomb	UP	550	358				7	11	
Frank Stone		300				Yes	7		14°
F. Nyman	D&RG	250				Yes	7		6%
Wm. Luoma	D&RG	1,000				Yes	8-9		6%

COMPANY	ADDRESS	MINE	ADDRESS	COUNTY
Minoletti Brothers	Durango	Minoletti	Same	La Plata
Montez, Manuel H.	Trinidad	Delagua #3 $\frac{1}{2}$	"	Las A.
Morasky Coal & Blocks"		Grey Creek #6	"	" "
Morasky Coal & Blocks"		Grey Creek #4	"	" "
Morning Glory Coal	Walsenburg	Morning Glory	"	Huerfano
Moschetti, N. J.	Canon City	Canon Zenith #2	Same	Fremont
Nix, Ammon E.	Nucla	Independence	"	Montrose
Osage Coal	Steambt. Spgs.	Osage Strip	"	Routt
Pantazes, Pete	Aguilar	Prosperity #2	"	Las A.
Paonia Farmers Coal	Paonia	Paonia-Farmers	"	Delta
Partch Brothers	Gunnison	Nu-Mine #2	Same	Gunnison
Paterson, Mack R.	Fruita	Hy-Grade	"	Mesa
Peacock Coal	Durango	Peacock	"	La Plata
Peacock Coal	Trinidad	Peacock	"	Las A.
Peaks Coal	Walsenburg	Peaks	"	Huerfano
Peerless Coal	Durango	Peerless	Same	La Plata
Phillips, H. B.	Palisade	Gearhart	"	Mesa
Pikes Peak Fuel	Colo. Springs	Pikeview	Pikeview	El Paso
Pilcher, Oren A.	Mancos	Coal King #2	Same	La Plata
Prendergast, F. & Son	New Castle	Rex	"	Garfield
Rainbow Coal	Trinidad	Rainbow	Same	Las A.
Rapson Coal	Walsenburg	Rapson #2	"	" "
Red Ash Coal	"	Maitland #1	"	Huerfano
Red Ash Coal	"	Maitland #2	"	"
Red Glow Coal	Aguilar	Red Glow	"	Las A.
Rex Carbon Fuel	Florence	Rex Carbon	Same	Fremont
Rice-Pinnacle Coal	Hayden	Rice-Pinnacle	"	Routt
Rifle Coal	Rifle	North Canyon	"	Garfield
Rugby Coal	Trinidad	Rugby #6	"	Huerfano
Sarmiento Coal	Florence	Pine Gulch #2	"	Fremont

Superintendent	R. R.	Daily Cap.	OPENINGS				SEAM		
			Shaft Depth	Rock Slope	Rock Tunnel Length	Drift	Ft.	In.	Pitch ° - 0
Joe Minoletti		20				Yes	5	6	6%
M. H. Montez		3				Yes	5		8°
J. F. Morasky		24				Yes	3	6	
J. F. Morasky		20				Yes	4		
G. M. Turner	D&RG	175					4	6	3°
N. J. Moschetti		16				Yes	3	2	7%
A. E. Nix		15				Yes	4	6	5%
T. C. Dewey	D&RG	1,500	S T R I P				8		10%
P. Pantazes		4				Yes	2	6	7°
Fisk & Anglin		12				Yes	8	6	8°
Jos. E. Partch		150				Yes	6		3%
M. R. Paterson		30				Yes	3	6	15%
G. M. Gale		15				Yes	6		3%
Eugene L. Lopez		8				Yes	6		
Eloy Montez		3				Yes	2	6	13°
Everett Bixler		15				Yes	4	6	6%
H. B. Phillips		40				Yes	5		12°
Robert Welch	D&RG	500	178				8		6½%
Oren A. Pilcher		10				Yes	6	6	3%
F. Predergast		8				Yes	7	4	52°
Zeke Tapia		2				Yes	3	6	
Adam Galli	C&S	40		2,200			5		12%
M. J. Judiscak		30		1,200			4	6	5%
M. J. Judiscak		40		500			4	6	5%
Wm. H. Smith		6				Yes	4		6°
J. M. Williams		70		450			3	10	12%
Dominic Basso		60				Yes	6		17%
Ernest A. Haas		30			130		8	6	80°
Clyde S. Dawn		10				Yes	4		13°
R. E. Sarmiento		15				Yes	3	2	7%

COMPANY	ADDRESS	MINE	ADDRESS	COUNTY
Shamrock Coal	Denver	Shamrock	Erie	Weld
Skinner Coal	Walsenburg	Gordon	Same	Huerfano
Smith, A. G.	Gunnison	Baldwin	"	Gunnison
So. Blk. Diam. Coal & Oil	Trinidad	Franklin	Delagua	Las A.
Staples, S. L., Jr.	Gunnison	Ohio Creek #2	Same	Gunnison
States, Welland W.	Cedaredge	Top	Same	Delta
Steele Brothers	Fruita	Farmers-Nearing"		Mesa
Strainer Coal	Canon City	Canon Wolf Crk. #2	"	Fremont
Sun Coal	Hayden	Sun	"	Routt
Supancic, Louis	Cameo	River View	"	Mesa
Taylor Coal Mng.	Walsenburg	Blue Streak	Craig	Rio B.
Thomp. Crk. C. & C. Corp.	Denver	Thomp. Crk. #1	Carbondale	Pitkin
Thomp. Crk. C. & C. Corp.	"	Thomp. Crk. #3	Carbondale	"
Thomp. Crk. C. & C. Corp.	"	Thomp. Crk. #4	Carbondale	"
Tolley, C. A. & Eileen	New Castle	Harvey Gap	Same	Garfield
Tomahawk Coal	Delta	Tomahawk	Same	Delta
Twin Pines Coal	Canon City	Twin Pines	"	Fremont
Vento Coal	Florence	Vento	"	"
Victory Coal	Durango	Victory #1	"	La Plata
Victory Coal	"	Victory #2	"	" "
Victory Coal	Durango	Victory #3	Same	La Plata
White River Fuel	Vernal, Utah	White River	Rangely	Rio B.
Wilson, Glen E.	Cortez	Montezuma #2	Same	Montez.
Wright Fuel	Hesperus	Wright #1	"	La Plata
Zellitti, F., N., & C.	Durango	Morning Star	"	" "

Superintendent	R. R.	Daily Cap.	OPENINGS				SEAM		
			Shaft Depth	Rock	Rock	Drift	Ft.	In.	Pitch % - °
				Slope	Tunnel				
				Length					
F. L. Peart	UP	300	100				10	1	1°
Frank Fink, Jr.	D&RG	150				Yes	4		5°
A. G. Smith		12				Yes	6		5°
Frank Coke		15				Yes	6		
S. L. Staples, Jr.		7				Yes	5	6	5°
W.W. States		90				Yes	7		7%
R. Steele		4				Yes	5		5°
A. Strainer, Jr.		35				Yes	6	6	4%
Tom Barton		6				Yes	5-9		15°
L. Supancic		25				Yes	6		5°
Carl Tesitor		80				Yes	27		13%
Andrew Allan, Jr.		400				Yes	7		30°
A. M. Keenan		400				Yes	9		30°
Andrew Allan, Jr.		20				Yes	7		31°
C. A. Tolley		8				Yes	8		45°
Gene Yellico		100		1,300			11	6	4%
B. C. Fazzino		24				Yes	6		4%
Dom Vento		100				Yes	5	10	3°
Wm. Gerard		50				Yes	3-6		5%
Wm. Gerard		15				Yes	3-6		5%
Wm. Gerard		80				Yes	6		5%
Robert Staley		35				Yes	8		8%
G. E. Wilson		10				Yes	5	8	1°
Glen Wright		50		600			5	8	3%
F. Zellitti, Jr.		25				Yes	5	10	5°

REPORT OF PRODUCTION

MEN, DAYS, ACCIDENTS - BY COUNTY - BY MINE

COUNTY MINE	COMPANY OR OPERATOR	No. Men Average	Total Days	TONNAGE	ACCIDENTS	
					Fatal	Non-Fat.
ARCHULETA						
Columbine	LeRoy R. Crane Garcia & Brewer	1.0	6	5		
Garcia		3.0	90	118		
TOTALS - 2		4.0	96	123	-	-
BOULDER						
BlackDiam. #2 Clsd.	Black Diamond Fuel	12.6	73	5,419		
TOTALS - 1		12.6	73	5,419	-	-
DELTA						
Blue Ribbon	Blue Ribbon Coal	3.1	178	3,909		1
Green Valley #2	Ira T. Brooks	4.3	172	8,932		
King	Juanita Coal & Coke	23.8	195	32,538		
Paonia-Farmers	Paonia Farmers Coal	2.6	125	1,688		1
Red Canon #1	Lyndon H. Fogg	2.7	189	3,831		1
Tomahawk	Tomahawk Coal	5.0	208	5,986		
Top	Welland W. States	3.8	190	3,346		
TOTALS - 7		45.3	1,257	60,230	-	3
EL PASO						
Franceville Strip	Franceville Coal	2.0	214	5,040		
Pikeview	Pikes Peak Fuel	21.8	242	42,145		2
TOTALS - 2		23.8	456	47,185	-	2

<u>FREMONT</u>					
Annex	Annex Coal	3.9	228	5,323	
Beer Strip	Beer Coal & Construction	3.7	119	10,670	
Black Knight #2	Black Knight Coal	3.3	261	1,498	2
Caldirola #2	Caldirola Fuel	7.3	214	9,392	
Canon Black Diamond	Canon Black Diamond Coal	5.9	234	26,327	
Canon Chief	Canon Chief Mining	6.7	153	8,071	1
Canon Liberty	Liberty Mining	4.0	194	5,642	
Canon National	Canon National Coal	6.8	267	25,974	
Canon Wolf Creek #2	Strainer Coal	8.0	173	6,988	1
Canon Zenith #2	Nick J. Moschetti	4.0	230	3,767	
Cedar Canon	Giuliano & Sons Coal	6.8	238	16,176	
Coal Creek Canon	Coal Creek Canon Mining	4.8	249	9,942	
Corley #6	The Corley Co.	11.7	112	12,028	
Double Dick	Double Dick Mining	5.8	253	13,421	
Golden Qual. #3 Clsd.	Golden Quality Coal	3.5	83	1,545	
Golden Qual. #4(New)	Golden Quality Coal	5.8	179	5,769	
L & C #2	Lovisone & Colarelli	4.8	203	3,569	
Pine Gulch #2	Sarmiento Coal	3.6	100	752	
Pine Gulch #3	Canon Monarch Coal	4.8	209	3,811	
Pioneer Canon(New)	The Corley Co.	12.5	147	25,842	
Pioneer Strip Clsd.	The Corley Co.	1.0	12	211	
Rex Carbon	Rex Carbon Coal	6.0	263	12,140	
Twin Pines (New)	Twin Pines Coal	2.5	92	1,053	1
Vento	Vento Coal	10.8	260	31,618	
TOTALS - 24		138.0	4,473	241,529	5
<u>GARFIELD</u>					
Atlas #3 (New)	Henry Bendetti	1.0	184	101	
Harvey Gap #3	C. A. & Eileen Tolley	1.5	222	1,768	
I. H. I. #2	Haas Coal	4.7	240	8,112	
I. H. I. #3	Haas Coal	5.1	240	9,018	

Continued

COUNTY MINE	COMPANY OR OPERATOR	No. Men Average	Total Days	TONNAGE	ACCIDENTS	
					Fatal	Non-Fat.
GARFIELD Cont. Marion-Kilroy New Castle Cldsd. New Castle-Vulcan North Canyon Rex Sunlight	Marion Coal	3.7	145	1,948		2
	W. E. Coles	4.3	20	811		
	W. E. Coles	5.3	141	1,898		
	Rifle Coal	3.8	264	5,682		
	F. Prendergast & Son	4.6	149	1,406		1
	Four Mile Coal	4.5	292	5,107		
	TOTALS - 10	38.5	1,897	35,851	-	3
GUNNISON Baldwin Bear Black Beauty Edwards Hawk's Nest Hinkle Nu-Mine #2 Ohio Creek #2 Oliver #3 Somerset	A. G. Smith	2.3	188	1,216		2
	Bear Coal	51.5	143	57,982		
	Ellis Coal	9.0	177	11,374		
	Clark Coal	7.4	142	11,834		2
	Champion Coal Mining	25.0	160	36,967		
	Hinkle Coal	2.0	120	916		
	Partch Brothers	10.1	197	17,965		1
	S. L. Staples, Jr.	2.8	260	2,959		
	Minerals Dev. Corp. -Colo.	27.3	190	45,145		
	Minerals Dev. Corp. -Colo.	72.3	193	117,501		7
	TOTALS - 10	209.7	1,770	303,859	-	12
HUERFANO Black Beauty Blue Blaze Caddell #2 Calumet #2 Gordon Leader #2 Maitland #1 Maitland #2 Major #2	Black Beauty Coal	2.7	180	1,400		1
	Blue Blaze Coal	3.7	38	635		
	Aztec Fuel	2.1	101	328		3
	Delcarbon Coal	18.6	167	15,707		
	Skinner Coal	6.2	221	11,740		
	Leader Coal	3.6	214	2,132		
	Red Ash Coal	3.1	104	1,825		
	Red Ash Coal	7.9	185	5,033		
	Major Coal	3.9	204	5,894		1

Morning Glory Peaks	Morning Glory Coal	14.1	192	17, 120		1
Rugby #6	Peaks Coal	2.0	161	325		
TOTALS - 12	Rugby Coal	4.2	198	1, 541		1
JACKSON		72.1	1, 965	63, 680		7
Marr Mines	George M. Barnell	2.8	219	2, 051		1
TOTALS - 1		2.8	219	2, 051	-	1
LA PLATA						
Blue Flame	Vernon Cason	3.2	270	3, 431		
Burnwell #2	William E. Mays	3.6	204	7, 343		
Coal King #2	Oren A. Pilcher	1.6	139	1, 006		
Hay Gulch #2	Hay Gulch Coal	2.7	264	2, 015		
King	King Coal	2.7	302	5, 536		
Minoletti	Minoletti Brothers	4.4	158	4, 293		
Morning Star	F. Jr., N. & C. Zellitti	2.7	199	2, 625		
Peacock	Peacock Coal	3.9	241	4, 694		
Peerless	Peerless Coal	2.6	104	1, 000		
Victory #1	Victory Coal	4.0	256	14, 443		
Victory #2	Victory Coal	2.0	104	2, 773		
Victory #3 (New)	Victory Coal	3.5	110	5, 550		
Wright #1	Wright Fuel	3.3	62	1, 092		
TOTALS - 13		40.2	2, 413	55, 801	-	-
LAS ANIMAS						
Aguilar-Imperial	Aguilar Imperial Coal	3.1	180	2, 407		
Allen(E. & W. Portals	C. F. & I. Corp.	492.1	203	577, 248		11
Anchor #2	Joe M. & Della Garcia	2.3	80	140		
Baldy #2	Baldy Coal	13.8	153	3, 819		1
Berwind Canon	Berwind Canon Coal	2.8	138	1, 169		
Brodhead #2	Brodhead Coal	3.7	235	3, 024		
Burro Canyon #3	Leo Franklin	2.2	125	341		
Delagua #3½	Manuel H. Montez	1.9	147	521		
Engleville	Guadagnoli Brothers	2.3	207	2, 524		

COUNTY MINE	COMPANY OR OPERATOR	No. Men Average	Total Days	TONNAGE	ACCIDENTS	
					Fatal	Non-Fat.
LAS ANIMAS Cont.						
Franklin	So. Black Diamond Coal & Oil	2.8	62	546		1
Frederick	C. F. & I. Corp.	567.4	206	354,457	1	2
Gem	Guiliano Coal	4.0	96	800		
Grey Crk. #4 (Reopened)	Morasky Coal & Blocks	5.0	36	559		
Grey Creek #6	Morasky Coal & Blocks	5.2	183	3,979		1
Martinez	Albert Martinez	1.2	80	192		
Morley Clsd.	C. F. & I. Corp.	157.2	83	51,443		1
Peacock	Peacock Coal	3.3	262	2,745		
Prosperity #2	Pete Pantazes	2.0	224	502		
Rainbow	Rainbow Coal	2.7	52	79		
Rapson #2	Rapson Coal	7.8	261	11,814		2
Red Glow	Red Glow Coal	3.0	98	425		
Starkville #4	Albert Iuppa Coal	3.3	244	2,141		
TOTALS - 22		1,289.1	3,355	1,020,875	1	19
MESA						
Blue Flame	Barstow, Aul & Petersen	3.0	234	4,735		
Cameo	Kerr Coal	33.6	173	51,041		1
Farmers-Nearing	Steele Brothers	2.0	43	189		
Gearhart	Homer B. Phillips	7.1	195	4,260		
Hidden Treasure	Ernest Hicks	2.6	179	2,249		
Hunter	Claud O. Halcumb	1.8	63	416		
Hy-Grade	Mack R. Paterson	5.0	109	2,453		
McGinley	Eagle Head Coal	2.3	261	2,591		
River View	Louis Supancic	3.1	176	3,024		
Winger	Clarke Coal	2.0	91	605		
TOTALS - 10		62.5	1,524	71,563	-	1
MOFFAT						
Red Wing	Colowyo Coal	33.9	155	96,461		1
TOTALS - 1		33.9	155	96,461	-	1

MONTEZUMA									
Montezuma #2	Glen E. Wilson					941			
TOTALS - 1			2.4	172		941	-	-	-
MONTROSE									
Independence	Ammon E. Nix		2.8	251		2,807			
TOTALS - 1			2.8	251		2,807	-	-	-
PITKIN									
Dutch Creek (New)	Mid-Continent Coal & Coke		6.3	52		6,523			
Thompson Creek #1	Thompson Crk. C. & Coke Corp		48.9	216		61,377			1
Thompson Creek #3	" " " "		50.5	227		86,079	1		6
Thompson Creek #4	" " " "		3.0	6		102			
TOTALS - 4			108.7	501		154,081	1		7
RIO BLANCO									
Blue Stream	Taylor Coal Mining		4.7	162		8,329			
Rienau	Jenkins & Mathis Coal		3.2	200		5,848			1
White River	White River Fuel		4.5	169		4,551			
TOTALS - 3			12.4	531		18,728	-		1
ROUTT									
Apex	Boscia Coal		1.0	141		716			
Babson	Babson Coal		1.0	60		150			
Crcw Bar	Dry Creek Coal		16.1	142		12,151			2
Edna Strip	Edna Coal		35.3	118		163,588			1
Harris	Colorado & Utah Coal		81.6	110		88,446			4
Johnnie's	John Mathews		1.9	139		342			
Keystone	Keystone Mining Corp.		52.6	128		39,742			2
Old Quaker Strip	Dry Creek Coal		3.0	49		7,477			
Osage Strip	Osage Coal		36.2	130		169,508			
Rice-Pinnacle	Rice-Pinnacle Coal		9.4	31		1,551			
Sun	Sun Coal		1.0	185		363			
TOTALS - 11			239.1	1,233		484,034	-		9
SAN MIGUEL									
Keck-Reliance	William R. Keck		1.0	51		50			
TOTALS - 1			1.0	51		50	-		-

COUNTY MINE	COMPANY OR OPERATOR	No. Men Average	Total Days	TONNAGE	ACCIDENTS	
					Fatal	Non-Fat.
WELD						
Boulder Val. #3-Baum	Boulder Valley Coal	53.6	150	85,042		4
Eagle	Imperial Coal	83.5	205	234,912		
Imperial	Imperial Coal	31.2	79	37,187		
Lincoln	Clayton Coal	47.3	129	67,530		2
Shamrock	Shamrock Coal	3.8	44	8,557		
Sterling	McNeil Coal Corp.	37.4	139	51,276		1
Washington	Clayton Coal	79.2	205	153,889		6
TOTALS - 7		336.0	951	638,393	-	13
GRAND TOTALS		2,674.9	23,343	3,303,661	2	84

COAL PRODUCTION FROM 1864 THROUGH 1956

<u>Year</u>	<u>Tonnage</u>	<u>Year</u>	<u>Tonnage</u>	<u>Year</u>	<u>Tonnage</u>
1864	500	1895	3,339,495	1926	10,616,760
1865	1,200	1896	3,371,633	1927	9,781,580
1866	6,400	1897	3,565,660	1928	9,921,585
1867	17,000	1898	4,174,037	1929	9,934,064
1868	10,500	1899	4,826,939	1930	8,238,094
1869	8,000	1900	5,495,734	1931	6,604,063
1870	4,500	1901	6,021,405	1932	6,616,525
1871	15,600	1902	7,522,923	1933	5,284,872
1872	68,540	1903	7,775,302	1934	5,251,003
1873	69,997	1904	6,776,551	1935	5,953,601
1874	77,372	1905	8,989,631	1936	6,868,801
1875	95,838	1906	10,308,421	1937	7,222,092
1876	117,666	1907	10,965,640	1938	5,730,291
1877	160,000	1908	9,773,007	1939	6,002,125
1878	200,630	1909	10,722,490	1940	6,673,359
1879	322,732	1910	12,104,887	1941	7,008,037
1880	375,000	1911	10,197,595	1942	8,131,764
1881	706,744	1912	11,016,948	1943	8,372,683
1882	1,161,479	1913	9,268,939	1944	8,202,401
1883	1,220,593	1914	8,201,423	1945	7,656,612
1884	1,130,024	1915	8,715,397	1946	5,928,823
1885	1,398,796	1916	10,522,185	1947	6,381,016
1886	1,436,211	1917	12,515,305	1948	5,682,512
1887	1,791,735	1918	12,658,055	1949	4,578,170
1888	2,185,477	1919	10,406,543	1950	4,274,887
1889	2,400,629	1920	12,514,693	1951	4,111,945
1890	3,075,781	1921	9,141,947	1952	3,643,523
1891	3,512,632	1922	10,003,610	1953	3,598,867
1892	3,771,234	1923	10,336,735	1954	2,922,365
1893	3,947,056	1924	10,501,088	1955	3,366,490
1894	3,021,028	1925	10,440,387	1956	3,303,661

COAL SHIPMENT AND DISPOSAL

COUNTY	RAILROAD	TRUCK	POWER & HEAT	OUT OF STATE	CHEM. TREATED
Archuleta		123			
Boulder		5,419			650
Delta	32,229	27,535	466	18,521	7,433
El Paso	8,841	37,153	1,191		20,000
Fremont	7,951	233,528	50	6,659	150
Garfield		35,848	3		
Gunnison	229,501	53,946	20,412	145,429	37,681
Huerfano	20,785	42,891	4	5,967	4,153
Jackson		2,051			
La Plata	18,136	37,645	20		
Las Animas	984,467	29,562	6,846		
Mesa	41,984	29,309	270		1,706
Moffat	87,932	8,529		40,671	44,464
Montezuma		941			
Montrose		2,803	4		
Pitkin	154,081			154,081	
Rio Blanco	4,000	14,728		2,500	5,200
Routt	442,611	38,788	2,635	131,601	79,037
San Miguel		50			
Weld	389,816	244,240	4,337	400	40,170
TOTALS	2,422,334	845,089	36,238	505,829	240,644

SIZES, GRADES, BY COUNTY

MINE RUN	LUMP	EGG	OTHER GRADES	NUT	PEA	SLACK
109	5					9
	421	1,960		364	552	2,122
19,353	14,593		1,286	5,345	615	19,038
5,518	1,226	9,743		8,865		21,833
136,536	19,465	8	2,960	7,578	2,088	72,894
2,709	2,832		240	442		29,628
148,563	32,297		2,200	12,642		108,157
1,682	11,740	10,641	1,327	6,009	1,032	31,249
2,051						
31,978	7,437	113	397	327	414	15,135
16,292	6,476	613	89	1,931	979,849	15,625
723	5,393	12	884	2,142	400	62,009
	16,965	12,218				67,278
		459				482
1,375	844			141		447
154,081						
	3,671	1,781	2,937	1,977	1,086	7,276
630	57,266	55,848	10,979	37,018	68,260	254,033
50						
	49,033	96,842	7,373	11,206	8,397	465,542
521,650	229,664	190,238	30,672	95,987	1,062,693	1,172,757

MECHANICAL LOADING

COUNTY	Shaker Type	MECHANICAL LOADERS							Small Portable Conveyors	TONS OF COAL TOTALLY LOADED BY MECHANICAL DEVICES (None or very little hand labor)
		Chain Conveyors		Mainline		Mobile		Power Shovel		
		Short Face	Room Length	Belt	Chain	Track	Caterpillar			
Archuleta										
Boulder	2									5,419
Delta	2					2	1			41,870
El Paso	1						3			42,145
Fremont	19	2	12		1		11			151,870
Garfield		1					1			
Gunnison	17			3			7			256,801
Huerfano	10	1	3							15,707
Jackson										
La Plata	4									
Las Animas	44	1	5	9	3		9	1		577,248
Mesa	17	1								51,994
Moffat	2						2			96,461
Montezuma										
Montrose										
Pitkin	8	1	2	3			1			6,204
Rio Blanco	3	2	1				5			18,728
Routt	34	2	2		2					99,806
San Miguel										
Weld	9			1			15			336,388
TOTALS	172	11	25	16	6	2	55	1		1,700,641

COLORADO - 1956

TONS OF COAL HAND LOADED ONTO MECHANICAL DEVICES	MINING MACHINERY							TOTAL TONNAGE
	Undercutting	Electric Shearing	Combination Undercutting and Electric Shearing	Electric Drills	Compressed Air Cutting Machines	Compressed Air Drills	Continuous Miners	
						1		123
	2			2				5,419
3,909	7		2	12		4		60,230
	4			6				47,185
76,227	39			44				241,529
6,682	1			17				35,851
30,593	29		2	31		1		303,859
25,127	29			14				63,680
						1		2,051
25,534	12			9				55,801
35,383	44		5	33	45	48		1,020,875
16,373	21			20				71,563
	6			15				96,461
								941
	1			1				2,807
106,500	4			18				154,081
	6			7				18,728
43,313	45			47		1		484,034
	1							50
	37	1	1	57			6	638,393
369,641	288	1	10	333	45	56	6	3,303,661

Continuous Miners, Weld County only - 302,005

Successful Candidates in Examination for Coal Mine Officials

November 17, 1956

<u>Mine Foreman</u>	<u>Fire Boss</u>	<u>Additional Rating After Fire Boss Experience</u>
Anglin, Glenn Lloyd	Andersen, Harold J.	Mine Foreman
Baughman, Luther D.	Aragon, John, Jr.	Asst. Mine Foreman
Bodycomb, John W.	Arguello, Daniel	Mine Foreman
Bonacquisti, Frank	Atler, Fritz	" "
DiDomenico, Fiorino R.	Barber, Andrew	" "
Espinoza, Leon	Barstow, Willis S.	" "
Fisk, Elbert H.	Battaglia, Sam	Asst. Mine Foreman
Forbidussi, Fred R.	Bueno, Tony M.	-
Garrison, Lester	Carnes, George E.	Mine Foreman
Gasperetti, Arthur J.	Cason, Vernon	" "
Hunt, William M.	Chavez, Flavio	Asst. Mine Foreman
Kopic, Steve J.	Cordova, Joe S.	Mine Foreman
Mack, Charles C.	Coszalter, Pete	Asst. Mine Foreman
Marquez, Tony	Coszalter, S. R.	Mine Foreman
Martinez, Margarito V.	Davies, Earl M.	" "
Martorano, Salvatore	DiPaolo, Vincent	" "
Meek, Walter E.	Dremel, Tony J.	" "
Meggison, William E.	Duran, Manuel	-
Moschetti, Nick J. *	Fabec, Robert	Mine Foreman
Olsen, Emery C.	Falduto, Charles A.	Asst. Mine Foreman
Sebben, John	Farrington, C. L.	Mine Foreman
Seigfried, Darwin H.	Fisher, George	-
Smith, Wendell H.	Foster, Max B.	Mine Foreman
Stone, Frank M.	Gabossi, Frank, Jr.	" "
Torres, Frank L.	Gabossi, Tony	" "
Volturo, Tony S.	Gallegos, Joe R.	" "
von Storch, Robert M.	Garbo, Sam	" "
Yellico, Domenic	Guadagnoli, Tony	" "
Zanotelli, Henry W.	Haas, Ernest A.	Asst. Mine Foreman
	Hunt, William C.	-
<u>Strip Pit Mine Foreman</u>	Javernick, Joe J.	Asst. Mine Foreman
Barstow, Willis S.	Jordan, Donald L.	-
Lloyd, William H.	Klovas, John	Mine Foreman
Mack, Charles C.	Krivec, Joe L.	Asst. Mine Foreman
Olsen, Emery C.	Langowski, C. E., Jr.	- *
Ratkovich, Dan R.	Lopez, Eugene	Asst. Mine Foreman*
Sebben, John	Lopez, Lee M.	Mine Foreman
von Storch, Robert M.		

* - Held for first aid training

<u>Fire Boss - Cont.</u>	<u>Additional Rating After</u>	<u>Fire Boss Experience</u>
Lorenzo, Louis	Mine Foreman	
Mays, William E.	Mine Foreman	
Medina, Fred O.	Asst. Mine Foreman	
Menapace, Jos. R.	Mine Foreman	
Mestas, Onesimo A.	" "	
Montano, Conrad C.	-	
Montez, Daniel	-	
Montoya, Ben	-	
Montoya, Pedro R.	Asst. Mine Foreman	
Narbaez, Benito A.	-	
Ortiz, Ray	-	
Pachelli, Albert N.	Asst. Mine Foreman	
Pachelli, Dominic	Mine Foreman	
Padilla, Joe B.	" "	
Palomino, Charles	-	
Partch, Carey A.	-	
Rath, Charles W.	Mine Foreman	
Richardson, Leon	" "	
Salapich, J. F., Jr.	Asst. Mine Foreman	
Santistevan, D.	" " "	
Schaefer, Geo. K.	-	
Smith, Tony J.	Asst. Mine Foreman	
Sosa, Alfonso	Mine Foreman	
Strianer, Frank A.	" "	
Tolley, Clark A.	Asst. Mine Foreman	
Valdez, Jose I.	Mine Foreman	
Valencich, Frank	" "	
Velasquez, B. F.	Asst. Mine Foreman	
Velasquez, L. J.	-	
Vigil, Albeo	-	
Vigil, Claude	Asst. Mine Foreman	
Vigna, Matt George	" " "	
Woolfe, George E.	" " "	
Ynostroza, Domingo	" " "	
Zanotelli, Geo. O.	" " "	

BOARD OF EXAMINERS FOR COAL MINE OFFICIALS

Fred W. Whiteside, E. M., 356 Lafayette Street, Denver
William H. Lloyd, 1228 West 2nd Street, Florence
Charles C. Mack, 894 Tucker Street, Craig
John Sebben, R.D. #1, Trinidad

FATAL ACCIDENTS

<u>Date</u>	<u>Name</u>	<u>Mine</u>	<u>County</u>	<u>Cause</u>	<u>Occupation</u>	<u>Age</u>	<u>Exp.</u>
9-5	Joe Falagraday	Frederick	Las A.	Roof fall	Asst. M. F.	63	50
12-2	John L. Dowling	Thomp. Crk. #3	Pitkin	Rib fall	Miner	25	3
<u>NOT CHARGED TO THE INDUSTRY</u>							
12-10	Perry Holmes	Imperial	Weld	Heart	Driller	49	27

FIVE YEAR COMPARISON

<u>NON-FATALS</u>						<u>FATALS</u>				
1952	1953	1954	1955	1956	<u>Causes of Injury</u>	1952	1953	1954	1955	1956
28	27	17	10	9	Falls of roof	3	2	3	5	1
16	12	5	4	6	Fall of face or rib					1
11	7	7	15	6	Falling objects					
9	4	3	5	5	Falls of persons					
20	9	19	6	12	Handling materials					
11	10	4	6	8	Hand tools					
1	3	2	4		Striking vs objects					
29	21	11	15	10	Haulage	1	1			
		2		3	Explosion of gas					
4	2	3		5	Explosives					
1	2	4	2	4	Electricity					
14	17	7	13	13	Machinery	1			1	
8	6	1	3	1	Jack pipes					
2	1		1	1	R. R. cars				2	
3		1	1	1	Others					
157	121	86	85	84	<u>TOTALS</u>	5	3	3	8	2

ACCIDENT STATISTICS

	<u>Fatalities</u>		<u>Non-Fatals</u>	
	1956	1955	1956	1955
Fatalities	2	8		
Non-Fatals/Compensable			84	85
Per 1,000 employed	0.747	2.82	31.40	29.99
Men employed per injury	1,337.45	354.3	31.84	33.34
Tonnage per injury	1,651,830.5	420,811	39,331.7	39,605.7
Per million tons	0.605	2.37	25.42	25.24
Dependents: Widows	1	6		
Children	0	10		



NOTE OF APPRECIATION

To the State Multigraph Department
for the printing of this publication.



